



Please type a plus sign (+) inside this box:

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/628,924
				Filing Date	July 28, 2003
				First Named Inventor	Yoshihiro KAWAMURA et al
				Group Art Unit	1764
				Examiner Name	BHAT, Nina Nmn
Sheet	1	of	1	Attorney Docket Number	03448/LH

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam. Inits	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
NB		JP	5-235510			09-10-1993		
NB		JP	8-508197			09-03-1996		
NB		JP	10-268343			10-09-1998		
NB		JP	10-284836			10-23-1998		

Examiner Signature	/Nina Bhat/	Date Considered	09/20/2006
--------------------	-------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: September 5, 2006

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/628,924
				Filing Date	July 28, 2003
				First Named Inventor	Y. KAWAMURA
				Group Art Unit	1764
				Examiner Name	BHAT, NINA NMN
Sheet	1	of	1	Attorney Docket Number	03448/LH

U.S. PATENT DOCUMENTS

Exam. Init's*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Init's*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
NB		JP	2-172538	A		07-04-1990		
NB		JP	6-233918	A		08-23-1994		
NB		JP	2000-506432	A		05-30-2000		
NB		JP	2002-18271	A		01-22-2002		
NB		WO	02/24322	A2		03-28-2002		

Examiner Signature	/Nina Bhat/	Date Considered	09/20/2006
-----------------------	-------------	--------------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: June 19, 2006

Please type a plus sign (+) inside this box -



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/628,924	
		Filing Date	July 28, 2003	RECEIVED CENTRAL FAX CENTER
		First Named Inventor	Y. KAWAMURA	
		Group Art Unit	1764	
		Examiner Name	BHAT, NINA NMN	
Sheet	1	of	2	
		Attorney Docket Number	03448/LH	

U.S. PATENT DOCUMENTS

Exam. Initia ^s	Cite No ^t	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
NB		2004/0018129	A1	KAWAMURA et al	01-29-2004	
		2004-0148859	A1	KAWAMURA et al	08-05-2004	
		5,716,842	A	BAIER et al	02-10-1998	
		6,200,536	B1	TONKOVICH et al	03-13-2001	
		2003/0103878	A1	MORSE et al	06-05-2003	
		2003/0039874	A1	JANKOWSKI et al	02-27-2003	
		2003/0138685	A1	JANKOWSKI et al	07-24-2003	
		2004/0043273	A1	JANKOWSKI et al	03-04-2004	
		2004/0048128	A1	JANKOWSKI et al	03-11-2004	
		2004/0148858	A1	YAMAMOTO et al	08-05-2004	
		6,638,654	B2	JANKOWSKI et al	10-28-2003	
		2004/0025784	A1	KAWAMURA et al	02-12-2004	
		6,916,565	B2	SHIOYA	07-12-2005	
		6,824,905	B2	SHIOYA et al	11-30-2004	

FOREIGN PATENT DOCUMENTS

Exam. Initia ^s	Cite No ^t	Off ^c	Document Number ^d	Kind Code ^e	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ^f
NB		EP	1 022 059	A2	BIOMETRA BIOMEDIZINISCHE ANALYTIK GMBH	07-26-2000		
		DE	199 20 786	A1	DBB FUEL CELL ENGINES GMBH	11-16-2000		
		DE	100 10 400	A1	MANNENSMANN AG	09-06-2001		
		WO	2004/030805	A1	UNIVERSITY OF CALIFORNIA	04-15-2004		
		WO	00/45457	A1	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	08-03-2000		
		WO	03/082460	A1	CASIO COMPUTER CO. LTD	10-09-2003		
Examiner Signature		/Nina Bhat/			Date Considered	09/20/2006		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next.

Please type a plus sign (+) inside this box •

PTO/SB/08B (08-00)
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/628,924
				Filing Date	July 28, 2003
				First Named Inventor	Y. KAWAMURA
				Group Art Unit	1764
				Examiner Name	BHAT, NINA NMN
Sheet	2	of	2	Attorney Docket Number	03448/LH

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
NB		Derwent Abstract Accession No. 2003-407946/39, Class J04 L03, JP 2003-045459 A (Casio Computer Co. LTD), February 14, 2003.	
NB		Derwent Abstract Accession No. 2003-581544/55, Class E36 L03, JP 2003-168685 A (Casio Computer Co. LTD), June 13, 2003.	
NB		POSER, S. et al. "Chip elements for fast thermocycling" Sensors and Actuators A, Elsevier Sequoia S.A., Lausanne, CH, Vol. 62, no. 1-3, July 1 1997, pages 672-675, XP004119707, ISSN: 0924-4247.	
NB		Srinivasan R. et al., "Micromachined Reactors For Catalytic partial Oxidation Reactions" Aiche Journal, New York, NY US, Vol. 43, No. 11, November 1997, pages 3059-3069, XP000669285, ISSN: 0001-1541.	

Examiner Signature	/Nina Bhat/	Date Considered	09/20/2006
--------------------	-------------	-----------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Place a check here if English translation is attached.

DATE MAILED: April 28, 2006